

19. (New) A substrate cleaning apparatus of claim 18, wherein a rotating force of the cleaning roller is transmitted from the substrate rotating mechanism.

20. (New) A substrate cleaning apparatus of claim 17, further comprising a ultrasonic nozzle directing cleaning liquid to the end face of the substrate.

21. (New) A substrate cleaning apparatus of claim 17, wherein each of the rollers having a groove into which the periphery of the substrate is to be inserted. <sup>(116, 126)</sup>

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